

2018 WSU Variety Testing Soft Winter Wheat Trial, Pullman

Variety Name <i>Club Italicized</i>	2018						2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Rosalyn	181	59.2	9.8	41	152	0	149	154	140
Bobtail	179	58.2	10.1	39	152	0	145	145	136
LCS Hulk	178	61.8	10.6	41	152	0	146	145	
SY Ovation	177	61.3	10.4	41	151	0	138	139	126
Jasper	173	56.9	10.1	41	153	0	147		
PNW Hailey	171	62.3	10.4	42	152	0			
UI Castle CL+	170	58.5	11.1	43	153	0	143	145	
Norwest Duet	169	55.7	10.6	48	154	0	144	144	
SY Raptor	166	61.1	10.4	40	151	0	139		
SY Candor (09PN008#72)	165	60.4	11.0	42	154	0			
Dyna-Gro Impact	161	58.4	10.7	41	153	0			
LCS Drive	160	59.6	10.6	33	149	0	134		
ARS-Castella (ARS20060123-31C)	160	59.4	11.2	44	151	0			
WB1532	159	56.8	11.5	41	154	0			
Purl (WA 8234)	159	59.2	10.8	42	151	0	137	141	
Puma	156	58.9	10.5	46	153	0	131	136	130
SY Dayton	156	60.9	10.2	39	150	0	136	138	
SY Banks	156	58.0	10.3	42	154	0			
Norwest Tandem	156	58.8	10.6	36	149	0	133		
UI Sparrow	155	53.3	10.3	47	155	0	129	138	
ARS-Crescent	155	54.5	10.2	44	157	0	124	132	129
M-Press	155	59.7	10.4	38	152	0			
WB1783	155	59.5	10.2	42	153	0	134		
WB1604	154	61.9	10.7	39	148	0	130	131	
UI Magic CL+	153	62.2	10.6	39	150	0	137	136	
Madsen	153	58.3	11.3	42	155	0	129	132	124
SY Assure	153	62.4	11.0	37	148	0	136	137	
WB1529	151	63.3	10.7	39	149	0	130	129	
UI Palouse CL+	151	59.8	10.7	38	153	0	127	132	
LCS Artdeco	150	58.1	11.0	38	148	0	128	135	128
Resilience CL+	150	58.1	10.8	39	154	0	134	136	129
ORCF-102	150	59.0	10.5	43	154	0	131	133	128
WB-528	149	61.2	11.0	40	139	0	130	133	125
Xerpha	147	55.6	10.5	43	154	0	135	136	134
WB1376CLP	146	63.1	11.6	40	150	0	129	128	
LCS Shark	137	56.4	11.5	39	149	0	129		
Experimental Lines									
LWW14-74143	185	58.3	9.6	41	148	0			
IDN 15-72458DH	180	58.9	9.8	42	150	0			
LWW15-71945	179	57.9	10.4	39	151	0			
KXB-01	176	56.1	10.8	43	155	0	150	150	
UIL 07-28017B	172	60.6	10.5	40	151	0	142	140	
YS-205	165	59.1	10.2	41	154	0			
ARS06132-45C	164	60.6	10.2	41	151	0			
WA 8293	162	54.6	10.9	44	154	0			
WA 8275 CL+	161	58.9	10.6	40	154	0			
LWW14-72916	160	61.5	10.3	35	148	0	142		

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IDO1708	158	60.4	9.9	40	139	0			
OR2121086	157	59.2	10.6	42	151	0	131		
WA 8232	156	59.8	10.3	44	154	17	138	146	
<i>ARSDH08X103-102C</i>	155	58.8	10.6	39	154	0			
XB1104	147	63.1	10.9	34	148	0			
WA 8274 CL+	146	55.4	11.1	41	153	0	128		
ORI2150031 CL+	132	60.3	11.5	42	153	0	117		
ORI2150061 CL+	112	62.5	12.4	36	148	0			
C.V. %	5	1.9	2.1	3	2	1273	5	5	5
LSD (0.05)	11	1.5	0.3	1	5	5	6	5	4
Average	159	59.2	10.6	41	151	0	135	138	130
Highest	185	63.3	12.4	48	157	17	150	154	140
Lowest	112	53.3	9.6	33	139	0	117	128	124

Agronomic Information

Planting Date:	10/5/2017
Harvest Date:	8/3/2018
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	223
P (ppm-bicarb) 2-ft sample	102
S (lb/ac) 2-ft sample	48
pH (top 6 inches)	5.46

Herbicide:

Herbicides and fungicides applied by grower

Trial Notes:

1. The Pullman nursery was located about 5 miles southeast of Pullman, WA.
2. An additional 100N was applied in the spring after soil sampling.
3. Overall yield was 45% more than 2017 and grain test weight was 0.4 lb/bu less than last year.

Cooperator Roy & Kurt Druffel